

Untitled

Title: US- 10- 561- 292- 3

Perfect score: 799

Sequence: 1 EAEPLVDI RVTGPVPGALGA. SI TKRSLSGTAFGGFLMFKT 152

ABU03470

ID ABU03470 standard; protein; 949 AA.

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AC ABU03470;

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DT 15-JUN-2007 (revised)

DT 21-JAN-2003 (first entry)

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DE Angiogenesis-associated human protein sequence #15.

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KW Human; angiogenesis-associated transcript; angiogenesis;

KW angiogenesis-associated disease; cancer; cytosatic; BOND_P;

KW multimerin 2; EM LIN-like protein EndoGlyx-1;

KW elastin microfibril interfacer 3; multimerin 2 [Homo sapiens]; MVRN2;

KW EM LIN3; FLJ13465; ENDOGLYX1; EndoGlyx-1; unnamed protein product;

KW unnamed protein product [Homo sapiens]; GO6578; GO6198; GO6941; GO7049.

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OS Homo sapiens.

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PN WO200279492-A2.

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PD 10-OCT-2002.

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PF 14-FEB-2002; 2002WO-US004915.

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PR 14-FEB-2001; 2001US-00784356.

PR 22-FEB-2001; 2001US-00791390.

PR 19-APR-2001; 2001US-0285475P.

PR 03-AUG-2001; 2001US-0310025P.

PR 13-NOV-2001; 2001US-0350666P.

PR 29-NOV-2001; 2001US-0334244P.

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PA (EOSB-) EOS BIOTECHNOLOGY INC.

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PI Murray R, Glynne R, Watson SR, Azziz N;

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DR WPI; 2003-040681/03.

DR N-PSDB; ABX08753.

DR PC: NCBI; gi 13376091.

DR PC: SWISSPROT; Q9H8L6.

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PT Detecting angiogenesis-associated transcript in a cell for diagnosing and
PT treating cancer by contacting a sample with a polynucleotide that
PT exhibits changes in expression level as a function of time in tissue
PT undergoing angiogenesis.

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PS Example 2: Page 193; 291pp; English.

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CC The present invention relates to methods and compositions for detecting
CC an angiogenesis-associated transcript in a cell in a patient. The method
CC involves contacting a biological sample from the patient with a
CC polynucleotide that selectively hybridizes to a sequence at least 80%
CC identical to any of the angiogenesis-associated human polynucleotide
CC sequences given in the specification. These angiogenesis-associated
CC polynucleotide sequences comprise genes that exhibit changes in
CC expression levels as a function of time in tissue undergoing
CC angiogenesis. The method and the polynucleotide sequences of the

Untitled

CC invention are useful for diagnosing and treating angiogenesis and
CC angiogenesis-associated diseases e.g. cancer. The polynucleotide
CC sequences are also useful in the gene therapy of such disorders. The
CC angiogenesis-associated proteins encoded by the polynucleotide sequences
CC are useful as a vaccine for therapeutic and prophylactic immunisation.
CC ABU03456-ABU03569 represent angiogenesis-associated protein sequences
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CC Revised record issued on 15-JUN-2007 : Enhanced with precomputed
CC information from BCND.

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SQ Sequence 949 AA;

Query Match 100.0% Score 799; DB 6; Length 949;
Best Local Similarity 100.0% Pred. No. 4.4e-79;
Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EAEPLVDI RVTGPVPGALGAALWEAGSPVAFYASFSEGTAALQTVKFNNTYI NI GSSYFP 60

Db 798 EAEPLVDI RVTGPVPGALGAALWEAGSPVAFYASFSEGTAALQTVKFNNTYI NI GSSYFP 857

Qy 61 EHGYFRAPERGVYLFAVSVEFGPQP GTGQLVFGGHHRTPVCTTGGSGSTATVFAMAEHQ 120

Db 858 EHGYFRAPERGVYLFAVSVEFGPQP GTGQLVFGGHHRTPVCTTGGSGSTATVFAMAEHQ 917

Qy 121 KGERWVFELTQQSI TKRSLSGTAFQQFLMFKT 152

Db 918 KGERWVFELTQQSI TKRSLSGTAFQQFLMFKT 949